

**Abstract**

The invention relates to the use of phyllosilicates for improving the chemicals resistance, reducing the swelling, and improving the stress-cracking resistance of styrene copolymers, and to corresponding styrene copolymers, and to a process for their preparation.

1. A process for preparing a styrene copolymer, comprising the steps of: (a) providing a styrene monomer; (b) providing a phyllosilicate; (c) reacting the styrene monomer with the phyllosilicate; and (d) isolating the resulting styrene copolymer.